

Notice of Allowability

Application No.

10/008,053

Examiner

Eleni A. Shiferaw

Applicant(s)

HUR, MATTHEW

Art Unit

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 07/28/2006.
2. ☒ The allowed claim(s) is/are 1-2, 4, 8-10, 13-20, and 23-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

NASSER MOAZZAMI
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10/02/06

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance:

Claims 1-2, 4, 8-10, 13-20, and 23-50 are allowed.

Claims 1, 8, 18, and 30-32: Prior art of record neither alone nor in combination teach a method/medium/apparatus of registering a non-configured network device in a telecommunications network comprising steps of a trusted registration service authenticating and providing a longer-lived symmetric key to first non-configured network packet-routing device and wherein the longer-lived symmetric key is valid until a subsequent registering of the first device at the trusted registration service, first device requesting network services to key management server by sending the longer-lived symmetric key, key management server authenticating the first device based on the longer-lived symmetric key and providing a shorter-lived symmetric key wherein the shorter-lived symmetric key is valid no longer than a period during which the longer-lived symmetric key is valid, key management sever receiving a request from a second network packet routing device to obtain a session key for secure communications between the second device and the first device wherein the second device sends the request that contains sorter-lived symmetric key of the first device in response to receiving a request from the first device to obtain a session key on behalf of both the first device and the second device, key management server authenticating second device request based on the shorter-lived symmetric key of the first device, and generating and providing a symmetric session key to the second device for use in subsequent secure peer-to-peer communications between the first device and the second device wherein the first device obtains the symmetric session key from the second device without

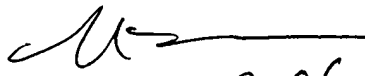
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communication of the first device to a key management service or authoritative authentication service.

Claims 2, 4, 9-10, 13-17, 19-20, and 23-29, 33-50 are allowed because of dependency.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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10,02,06